

Title (en)
PALLADIUM-SUPPORTED CATALYST COMPOSITES

Title (de)
PALLADIUMGETRÄGERTER KATALYSATORVERBUND

Title (fr)
COMPOSITES CATALYTIQUES À BASE DE PALLADIUM SUR SUPPORT

Publication
EP 2398587 A4 20120118 (EN)

Application
EP 10751164 A 20100219

Priority

- US 2010024656 W 20100219
- US 15415409 P 20090220
- US 15575709 P 20090226
- US 70741610 A 20100217

Abstract (en)
[origin: US2010212293A1] Provided are catalyst composites that can be used in methods for treating exhaust gas from internal combustion engines, including diesel and gasoline engines, systems including such catalyst composites and methods of using the catalyst composites to treat internal combustion engine exhaust. The catalyst composites may provide diesel oxidation catalysts and three-way catalysts. A catalyst composite is provided which a catalytic material on a carrier, the catalytic material including a palladium component dispersed on a first support comprising at least 60% by weight of a zirconia component, and one or more rare earth oxides selected from the group consisting of lanthana, neodymia, praseodymia, yttria, the first support optionally containing no more than 15% by weight ceria, and being free of alumina. Layered catalyst composites having one or more washcoats on the carrier are also provided.

IPC 8 full level
B01J 23/63 (2006.01); **B01D 53/94** (2006.01); **B01J 23/10** (2006.01); **B01J 23/44** (2006.01); **B01J 23/46** (2006.01)

CPC (source: CN EP KR US)
B01D 53/94 (2013.01 - KR); **B01D 53/945** (2013.01 - CN EP US); **B01J 23/002** (2013.01 - CN EP US); **B01J 23/10** (2013.01 - EP US); **B01J 23/44** (2013.01 - KR); **B01J 23/46** (2013.01 - KR); **B01J 23/63** (2013.01 - CN EP KR US); **B01J 37/0244** (2013.01 - EP US); **B01J 37/0248** (2013.01 - EP US); **F01N 3/103** (2013.01 - EP US); **B01D 2251/2062** (2013.01 - EP US); **B01D 2255/1023** (2013.01 - EP US); **B01D 2255/1025** (2013.01 - EP US); **B01D 2255/206** (2013.01 - EP US); **B01D 2255/2092** (2013.01 - EP US); **B01D 2255/9022** (2013.01 - EP US); **B01D 2255/9025** (2013.01 - EP US); **B01D 2258/01** (2013.01 - CN); **B01D 2258/012** (2013.01 - EP US); **B01D 2258/014** (2013.01 - EP US); **B01J 2523/00** (2013.01 - CN EP US); **F01N 3/035** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
US 2010212293 A1 20100826; **US 8568675 B2 20131029**; BR PI1008393 A2 20160315; BR PI1008393 B1 20180717; CN 102405104 A 20120404; CN 106076332 A 20161109; EP 2398587 A2 20111228; EP 2398587 A4 20120118; EP 2398587 B1 20140604; JP 2012518531 A 20120816; KR 101380058 B1 20140401; KR 20110129404 A 20111201; WO 2010104658 A2 20100916; WO 2010104658 A3 20101223

DOCDB simple family (application)
US 70741610 A 20100217; BR PI1008393 A 20100219; CN 201080017049 A 20100219; CN 201610465298 A 20100219; EP 10751164 A 20100219; JP 2011551234 A 20100219; KR 20117021768 A 20100219; US 2010024656 W 20100219